

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Peter BRUNE and Andreas SASSE
Serial No. : Not Yet Known
Filed : Herewith
For : METHOD OF DISTRIBUTING KEYS TO SUBSCRIBERS IN
COMMUNICATIONS NETWORKS

Assistant Commissioner of Patents
BOX PCT
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

[Please delete the claims, and substitute new claims 1 through
8, as follows:]

-- 1. A method for distributing keys to subscribers in digital mobile radio networks, with the keys being generated, and possibly being stored if required, in a security device provided at the mobile radio network end and, on request by a subscriber, at least one key being requested from the security device and being transmitted via the mobile radio network to a mobile station or a terminal of the subscriber, characterized in that the transmitted key is allocated to that subscriber, and is stored in the terminal and/or in a subscriber identity module SIM in the mobile station.

2. The method as claimed in claim 1, characterized in that an SAT application is set up in the subscriber identity module SIM, in the mobile station, and carries out additional end-to-end encryption of the key transmitted between the mobile station and the security device.